Bid

23/10/2008

1627

METAUX SOLUTIONS (MONTRÉAL) INC.

2108, 32E AVENUE LACHINE, QUEBEC H8T 3H7

Tel: (514) 633-8010

Sales Rep.

: ÉRIC

Reference

: LINDA LACELLE

Expiration Date: 22/12/2008

Customer: 6323336

DART AEROSPACE LTD 1270, ABERDEEN STREET HAWKESBURY, ONTARIO

K6A 1K7

Ship To:

Same

Fax: 1 (613) 632-4443

Item No.	_	Description	Qty.	Price	Total	T×.
SH123	- <u> </u>	303 HEX .500 9 X 12'	108	8,30	89 <del>6</del> .40	A
SH123		OU 303 HEX .500 17. X 12'	204	7.69	1 <del>588</del> .76	A
		DELIVERY APPROX 1 WEEK				
		F.O.B MONTREAL.				
		THANKS,				٠
		ERIC KAEHLERT.				

	23		Subtotal	2 465,16	
A) Regist :	en e	**************************************	TPS:	123.26	_
			Total:	2 588.42	

# Certificate of Test

CERTIFICATION

R 0496191/001 SON 28063C BOL 0149304 TAG 1851525 05/07/08

HEAT E50377 ORDER 0496191/001 SON 28063C BOL 5149301 120	
BHIP TO.  Dart Acrospace LtD	
Pio 7447	
P/S 56842  O1-40367 5/07/08 CUST# CASTLEO1 CUST TAG#IAC 4901	
GRADE 303  GRADE 303  Size  302 CDA HEX BAR 1/2 STD  OE  Country of Melt: BRI Country of Mfg.: USA Ship Condition A  NAFTA Country of Origin is Country of Melt	
Total Bundles 1 80N Weight 2200	
MFG TO FINISHED BAR IN THE USA FROM BILLETS IMPORTED FROM BRITAIN  AMS 5640U TYPE I DIN 50049/EN 10204 3.18  ASTM A582 05 FREE OF CONT. CARBIDE NETWORK  ASII-303,UNS S30300, SAE30303 NO WELD REPAIR FREE OF MERCURY CONTAMINATION  AM CASTLE 3303-11 R27	
MECHANICAL & OTHER TESTS	
Test Condition Hardness as shipped 230 HBW Hardness as shipped 97 HRBS Hardness as shipped 97 HRBS	
8.5 Tensile strength, No. 198.5 (679)	
Micro Intergranular corrosion OK 0.2% Yield Stringth, Karlines/ OK Elongation % in 4D 55.0	
Reduction of area t 55.0	
CHEMICAL COMPOSITION	
Carbon (C) .028 Sulphur (S) .338	X
Nickel (Ni) 8.660 Cobalt (Co) .450 Copper (Cu) .422 Moly Columbium (Cb) .001 IAC 490	
Silicon	<i></i>
Tantalum (Ta) .002 Vanadium (V	
Columbium/ Tantalum (Cb+Ta) .003 Iron (Fe) Balance	
Iron (Pe) Balance Melt Practice EAF	
Refining Practice AOD De-long Perrite 2.0	
No exemple and the second of t	

Knowingly & willfully falsifying or concealing a material act on this form, or making false, fictitious or fraudulent statements or representations herein could constitute a felony punishable under federal statutes.

We hereby certify that the test results shown in this report are correct and accurate as contained in the records of the company and are in compliance with the specifications, codes, and standards listed above.

Quality Manager M.F. Marcanio,

M. F. Marcone

Shipping Order 'x solutions (Montréal) Inc.

AVENUE Ovder

Laine, Quebec Reference
HBT 3H7 Tel.: (514) 633-9010 Bid

Customer: 8323338

Ship : NOTRE CAMION FOUR TRUCK

TST / Collect

Ship To

DART AEROSPACE LTD 1270, ABERDEEN STREET HAWKESBURY, ONTARIO K6A 1K7

Att. Chantal

Same

: 56842

: 7447

: 1627

Tel.: 1 (613) 632-3336

24/10/2008

			•	
Item No.	Description	Qty.	Qty. Deliver	E/O Qty
SH123	303 HEX .500	204	204	ø
	17 X 12'			,
		•		
•	F.O.B MONTREAL			
	CERTIFICATE REQUIRED			
	EK			

Shipping		Ref.	
Skipping Package No			
Merchandise	Received:		

2:08, 52E \*>ENCE LACHINE, CUESEC HST 3H7 METALIK SOLUTIONS (MON Castomer: 6323338 Reference State Shipping Order 58842 74.40 HOMMON HOUR TRUCK 74/10/2008 collect

DART AEROSPACE LTD 1270, ABERDEEN STREET HANKESBURY, ONTARIO

為人物

attre C

F6. 1 (612) 632-3335

M. Dime 2000 S

30°

204

Sylvas

W. Stead

Peschalian

303 HEX 500

17 X 12

FORMONTREAD CERTIFICATE REJUIRED

Merchantse Received Machage No BRIDERS

Tel.



**Purchase Order** 

Date Page Oct 24, 2008 Purchase Order Number PO00007447

Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7 Phone: (613)632-9577 Fax: (613)632-1053

Vendor Address:

Metaux Solutions 2108, 32e Avenue Lachine, QC H8T 3H7 Phone (800) 558-8858 (514) 633-8044 Fax

Ship To: Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
		VC-MET002	Oct 24, 2008	N30	yours	Oct 31, 2008

Qty. Ordered	item Number	Description	Expected Arrival	Drop- Ship	Unit Cost	UON	Extended Price
204.0000 C J / 1	l .	MATERIAL CERTIF REQ'D UPON DE	31/10/2008 B HEX BAR NOT ACCEP		7.690000	f	1,568.76
comments: please of slip + Thumk	fax packing material cert s chantal	Tax Summary: GST GSTME GSTND Entered By:	ı		Less: included tax Subtotal Total tax Total purchase o	rder in	0.00 1,568.76 78.44 1,647.20

## Dart Aerospace Ltd

**Receiving Slip** 

**Date** Nov 5, 2008 Page 1

Receipt Number RCP00009350

Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7 Phone: (613) 632-3336 Fax: (613) 632-4443

Purc	hase	From:

Metaux Solutions 2108, 32e Avenue Lachine, QC H8T 3H7

#### Ship To:

Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7

	Description	Contact	Vendor Number	
Reference	Description		VC-MET002	PO00007447

Vendor Item Number	Item Number	Description	Qty. Received	UOM	Unit Cost	Extended Cost	Arrival Date
	мзозно500	303 HEX BAR .500 NOTE: AISI 304/316 I MATERIAL: AISI 303 B/N109778	204.0000 NOT ACCEPT HEX BAR	! 1	7.690000	1,568.76	Nov 05, 2008
			,				
				<u> </u>	<u> </u>		<u> </u>

Comments:
-----------



Customer: 6323336

K6A 1K7

DART AEROSPACE LTD 1270, ABERDEEN STREET

HAWKESBURY, ONTARIO

 2108, 32e Avenue
 t (514) 633-8010

 Lachine, Québec
 f (514) 633-8044

 H8T 3H7
 1 800 558-8858

 Info@metauxsolutions.com

1320 C, Volta t (450) 641-3330 Boucherville, Québec f (450) 641-3332 J48 6G6: 1 800 967-2003 Invoice DATE N°/NO.
31/10/2008 97982

Sales Rep.

: ÉRIC : 56842

Order Reference

: 7447

Terms

: NET 30 JOURS / NET 30 DAYS

Ship

: TST

Ship To:

Same

*Tel.*: 1 (613) 632-3336

Itei	n No.	Description	Ord	Inv.	B/O Qty	Price	Total	Tx
SH123		303 HEX_500	204.	204	0_	7.69	1.568.76	A.

SHIP TST/COLLECT

**CERTIFICATE REQUIRED** 

ΕK

RECEIVED NOV 0 6 2008

Subtotal:

1 568.76

TPS:

78.44

Total:

1 647.20

4) Regist :

TPS: 140667742RT - TVQ: 1017841196TQ0001

	$\sim$ /	, Kece	iving Rep	ort		
D	ate: 8/11/0	3	Batc	h No: <u>M/</u>	19778	
S	upplier: <u>WeSAU</u>	poulisti	o∼ Dart	P/O:	7447	
Packing Slip: nvoice: Receipt: Discrepancles	Yes No Yes No Cash Cr	V S S	Release Note / Vaybill Attache hipment Com IC6 Inspection Vork Order	Attached Yed: You	es No	1
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
				·		
			 -/ <sub>2</sub> :			· · · · · · · · · · · · · · · · · · ·
	·		,			1
	•	Initials	of receiver (	if shipment (	OK) Level 1	2/1
roduction/Ad	min: 0811105				Location	n :

H \FORMS\Purchasing\approved purch\RECREPORT Rev D

DART AEROSPACE LTD	Work Order:	62406
Description: 3 1 5 40	Part Number:	13822-7
Inspection Dwg: NSK22 Rev:		Page 1 of 1

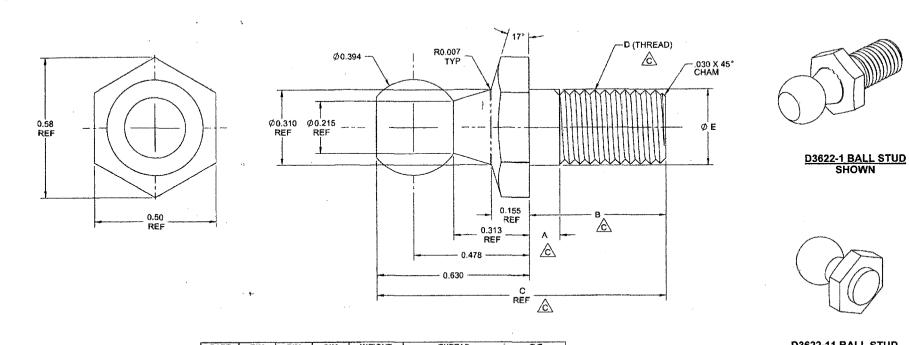
## FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
. 58	=.030	.565				
160	=.030	-500	/	V		
0.310	±,010	6.310				
\$ .215	T.010	0,215				
0.394	±,010	0.394				
96	I,030	-961				
.630	010	153.				
.418	±10/0	.428				
313	G(0)~	-313	/			
.155	=,010	.157				
.060	=,010	.060				
.330	±-010	.330				
.3125	NA	-308				
	-				.	
,3125-24UNF3A	N// <del>\</del>	-3725-240NF3	-/			
M.O.W.	M.L. 3336	-335				
			***************************************			
				· · · · · · · · · · · · · · · · · · ·		

Measured by:	Audited by:	Preliminary Approval:	N/A.
Date: 10/09/3	Date: 16.9.30	Date:	_

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

\$ 10.04.15



**D3622-11 BALL STUD** SHOWN

	PARI	DiM	ן ואווט ן	Lu IV	WEIGHT   INKEAU		1 10 E	
	NUMBER	Α	В	C (LBS)		D	MIN MAX	
	D3622-1	0.125	0.563	1.19	0.03	0.3125-24UNF-3A	0.3053 0.3125	5]
	D3622-3	0.125	0.563	1.19	0.03	0.1875-32UNF-3A	0.1840 0.1900	ול
	D3622-5	0.090	0.900	1.53	0.04	0.3125-24UNF-3A	0.3053 0.3128	5
•	,D3622-7	0.060	0.330	0.96	<u>⊫</u> 0.03	0.3125-24UNF-3A	*0.3053' 0.3125	5
	D3622-9	0.090	1.160	1.79	0.04	0.3125-24UNF-3A	0.3053 - 0.3125	57
	D3622-11	0.060	N/A	0.69	0.02	NOT THREADED	0,270 0.300	
	D3622-13	0.090	0.680	1.31	0.03	0.3125-24UNF-3A	0.3053 0.3125	5]

D3622-X BALL STUD



w/0 62 40%

С	SHEET:	1: ADD -5, -7, -9 2 DELETED	JPH 10:07.20							
8	ADD -3 (	(SHEET 2)	HS 09.09.18							
Α	NEW IS	SUE		MB	07.04.13					
REV.			DESCRIPTION	BY	DATE					
DESIGN	l'	JPH	DART AEROSPACE LTD							
DRAWN JPH			HAWKESBURY, ONTARIO, CANADA							
CHECK	ED	A. a	DRAWING NO.	REV						
MFG. A	PPR.	[/]	D3622		SHEET 1 OF 1					
APPROVED AND			TITLE		SCALE					
DE APPR.			BALL STUD NT							
DATE 10.07.20			THE DOCUMENT IS PRIVATE AND CONFERMIN AND IS SEPT.  NOT TO BE USED FOR ANY PURPOSE OR DESIGN OR COMMUNICATION OF TROMODERS.	CO THE EXPRES	S CONDITION THAT IT IS					

NOTES: 1) MATERIAL: AISI 303 HEX BAR REF DART SPEC M303H0.500

REF DAKT SPEC MOUSTILLOW

2) FINISH: N/A

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: IDENT P/N D3622-X & B/N PER QSI 044

7) WEIGHT: SEE D3622-X TABLE

5

D

## **Picklist Print**

September 29, 2010 12:42:03 PM

Work Order ID: 62406

Parent Item:

D3622-7

Parent Item Name: Ball Stud

Start Date: 9/29/10

Required Date: 9/30/10

Start Oty: 4.00

Required Oty: 4.00

Comments:

IPP REV:A NEW ISSUE 10-09-23 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M303H0.500		Purchased	No			100	f	125.8880	0.108	0.454737	·		,
										_	/	1 -	10 >

303 HEX BAR .500

SN 10102/30 Location Loc Qty Loc Code MAT037 125.888 - 109778 -101.888 109846 24

#### Work Order ID 62406

4 .

OC

**Quality Control** 

September 29, 2010 12:42:04 PM

Item ID: D3622-7 Accept Setup Start **Revision ID:** Stop Item Name: Ball Stud **Start Date:** 9/29/10 Start Qty: 4.00 **Cust Item ID:** Required Date: 9/30/10 Reg'd Oty: 4.00 **Customer:** Reference: Start Run **Approvals:** Process Plan: Date: **Tooling:** Date: Stop QC: SPC (Y/N): Date: Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Work Center ID Description Code Qty Number Stamp Oty **Run Hours** Identify as per dwg & Stock Location: 076 130 0.00 10/3/2 - (4) Packaging 0.00 Memo Packaging 140 OC21- Final Inspection - Work Order Release 0.00

0.00

Memo

N.10.10.12

Mr. 01

Insp.

#### Work Order ID 62406

September 29, 2010 12:42:04 PM

Item ID: D3622-7 Accept Setup Start **Revision ID:** Stop Ball Stud Item Name: Start Date: 9/29/10 Start Otv: 4.00 Cust Item ID: Required Date: 9/30/10 Req'd Qty: 4.00 Customer: Reference: Start Run Process Plan: Approvals: Date: Tooling: Date: Stop OC: SPC (Y/N): Date: Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Work Center ID Description Code Qty **Run Hours** Qty Number Draw Nbr **Revision Nbr** D3622 C 100 0.00 Hardinge CNC LATHE SMALL Hardinge 0.00 Memo Hardinge CNC Lathe Small 1-TURN AS PER FOLIO F967 & DWG D3622. FOLIO REV: <1 10/09/30 DWG REV: 2-DEBURR AS REQUIRED 110 QC2- Inspect parts off machine FAI/FAIB 0.00 QC Memo **Quality Control** 

120

QC

QC8- Inspect parts - second check

Memo

0.00

**Quality Control** 

MATERIAL CERTIFICATION

Reject Insp.

Stamp